

AMINO ACID AND/OR NUCLEOTIDE SEQUENCE LISTING SUBMISSION

Electronic Version v13

Stylesheet Version v01

This is a request for filing the electronic Computer Readable Form copy of a sequence listing via the Electronic Filing System for a patent application under 37 CFR 1.821–1.825 instead of via one of the physical media specified in 37 CFR 1.824(c).

This communication has an attached file which is an electronic copy of the amino acid and/or nucleotide sequence listing for the previously mentioned United States patent application.

The electronic copy submitted herewith is the Computer Readable Form (CRF), as required by 1.821(e).

Any applicable fees associated with the filing of the electronic copy have been paid.

This submission does not go beyond the disclosure of the application as originally filed (i.e., contains no new matter). It may be in addition to an original CRF, filed to comply with the sequence rules.

This submission in electronic form comprises only the CRF of 37 CFR 1.821(e). I acknowledge that I am responsible for all additional requirements of amino acid and/or nucleotide sequence listing submissions as specified in 37 CFR 1.821 – 1.825.

This submission does not go beyond the disclosure of the application as originally filed (i.e., contains no new matter), and/or is in addition to an original CRF filed to comply with the sequence rules. If not made to comply with an originally filed CRF, it is identical to the sequences disclosed in the application as originally filed and/or the paper copy of the sequence listing as originally filed.

I hereby certify that this correspondence is being transmitted to the United States Patent and Trademark Office on the following date: 2004-03-19

Name: Mr. Matthew P. Vincent

Electronic Signature Mark: /mpv/

Attachment description:

CRF File Sequence

Compression software used:



UNITED STATES PATENT AND TRADEMARK OFFICE
ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v1.1.1

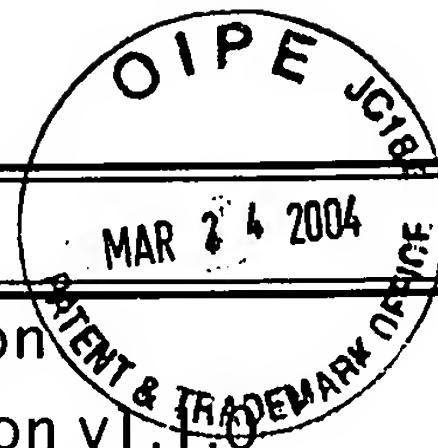
Title of Invention	USE OF CHIMERIC NUCLEASES TO STIMULATE GENE TARGETING																												
Submission Type: BIO Sequence Filing																													
Application Number:	10/656531	*10/656531*																											
EFS ID:	57513																												
Server Response:	<table border="1"><thead><tr><th>Confirmation Code</th><th>Message</th></tr></thead><tbody><tr><td>ISVR1</td><td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td></tr><tr><td>ICON1</td><td>8769</td></tr><tr><td>ISYS5</td><td>Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.</td></tr></tbody></table>		Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	8769	ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.																			
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First Named Applicant:	David Baltimore																												
Attorney Docket Number:	CTCH-P01-016																												
Timestamp:	2004-03-19 17:06:55 EDT																												
From:	us																												
File Listing:	<table border="1"><thead><tr><th>Doc. Name</th><th>File Name</th><th>Size (Bytes)</th></tr></thead><tbody><tr><td>us-bio-seq-trans</td><td>CTCHP01016-usbios.xml</td><td>556</td></tr><tr><td>us-bio-seq-trans</td><td>us-bio-seq-trans.dtd</td><td>2905</td></tr><tr><td>us-bio-seq-trans</td><td>us-bio-seq-trans.xsl</td><td>6567</td></tr><tr><td>sequence-listing</td><td>CTCHP01016-usbios-S000001.txt</td><td>8625</td></tr><tr><td>package-data</td><td>CTCHP01016-pkda.xml</td><td>2144</td></tr><tr><td>package-data</td><td>package-data.dtd</td><td>27025</td></tr><tr><td>package-data</td><td>us-package-data.xsl</td><td>19263</td></tr><tr><td colspan="2">Total files size</td><td>67085</td></tr></tbody></table>		Doc. Name	File Name	Size (Bytes)	us-bio-seq-trans	CTCHP01016-usbios.xml	556	us-bio-seq-trans	us-bio-seq-trans.dtd	2905	us-bio-seq-trans	us-bio-seq-trans.xsl	6567	sequence-listing	CTCHP01016-usbios-S000001.txt	8625	package-data	CTCHP01016-pkda.xml	2144	package-data	package-data.dtd	27025	package-data	us-package-data.xsl	19263	Total files size		67085
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Title of Invention	USE OF CHIMERIC NUCLEASES TO STIMULATE GENE TARGETING
<p>Application Number: 10/656531 *10/656531*</p> <p>Date: 2003-09-05</p> <p>First Named Applicant: David Baltimore</p> <p>Confirmation Number: 8769</p> <p>Attorney Docket Number: CTCH-P01-016</p>	
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>	
Submitted by:	Elec. Sign.
Matthew P. Vincent Registered Number: 36,709	/mpv/

Documents being submitted

us-bio-seq-trans

sequence-listing

Files

CTCHP01016-usbios.xml

us-bio-seq-trans.dtd

us-bio-seq-trans.xsl

CTCHP01016-usbios-S000001.txt

Comments

IPDAS Version 3.2.1, Validation Version 1.1.1.2, Submission Version 1.1.0.5